

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**UTILITY PATENT APPLICATION
TRANSMITTAL**

Docket No.: 15730.0800

Box PATENT APPLICATION
 Assistant Commissioner for Patents
 Washington, D.C. 20231

22387 U.S. PTO
2010/648571

 08/26/03

Sir:

Herewith is the utility patent application of Applicants.

Applicant: Mengtao Pete He, Carl Triplett, Mary J. Conway, Michael Strasser, David Rinaldis

TITLE: METHODS AND APPARATUS FOR A VARIABLE RESISTOR CONFIGURED TO
COMPENSATE FOR NON-LINEARITIES IN A HEATING ELEMENT CIRCUIT

PTO CUSTOMER NO.: 20322

Including:

- [X] 19 Pages of Specification
- [X] Descriptive Title of the Invention
- [X] Cross-Reference to Related Applications
- [X] Field of Invention
- [X] Background of the Invention
- [X] Summary of the Invention
- [X] Brief Description of the Drawings
- [X] Detailed Description
- [X] Claims (20 total, 3 independent)
- [X] Abstract
- [X] Drawings: 8 Sheets (Figs 1-9b) (informal)
- [X] Acknowledgment Postcard

Cross-Reference To Related Application

This application claims priority to United States Provisional Patent Application Serial No. 60/407,392 filed August 30, 2002 and entitled "Method and Apparatus for a Variable Resistor Configured to Compensate for Non-Linearity in a Heating Element Circuit," and is incorporated herein by reference.

[] Small entity status under 37 C.F.R. §§1.9 and 1.27 is claimed.

Utility Application Filing Fee (20 claims total, 3 independent claims)	=	\$750.00
0 Claims In Excess of 20	x \$18.00	= N/A
0 Independent Claims In Excess of 3	x \$84.00	= N/A
	Subtotal	= \$750.00
If "small entity" status box above is checked, enter half (1/2) of Subtotal and subtract	-	<u>N/A</u>
	Subtotal	\$750.00
If "assignment" box is checked, add recording fee:	+ \$ 40.00	+ N/A
If "37 C.F.R. §1.47" box above is checked, add Petition fee (per 37 C.F.R. §1.17(h)):	+ \$130.00	N/A
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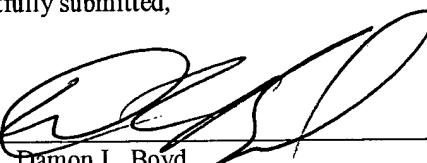
This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any other fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-2814 for which purpose a duplicate copy of this sheet is attached.

Please send correspondence regarding this application to the undersigned attorney at the address given below. Please accord this application a serial number and filing date pursuant to 37 C.F.R. §1.53, and advise the undersigned thereof.

Respectfully submitted,

Date: 26 August 2003

By:



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